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FIGURE 2

Met Asp Ile Leu Cys Glu Glu Asn Thr Ser
A T G G A T A T T C T T G T G A A G A A A A T A C T T C T
10 20 30

Leu Ser Ser Thr Thr Asn Ser Leu Met Gln
T G A G C T C A A C T A C G A A C T C C C T A A T G C A A
40 50 60

Leu Asn Asp Asp Thr Arg Leu Tyr Ser Asn
T T A A A T G A T G A C A C C A G G C T C T A C A G T A A T
70 80 90

Asp Phe Asn Ser Gly Glu Ala Asn Thr Ser
G A C T T T A A C T C C G G A G A G C T A A C A C T T C T
100 110 120

Asp Ala Phe Asn Trp Thr Val Asp Ser Glu
G A T G C A T T T A A C T G G A C A G T C G A C T C T G A A
130 140 150

Asn Arg Thr Asn Leu Ser Cys Glu Gly Cys
A A T C G A A C C A A C C T T T C C T G T G A A G G G T G C
160 170 180

FIGURE 2, CON'D

Leu Ser Pro Ser Cys Leu Ser Leu Leu His
 C T C T C A C C G T C G T G T C T C T C C T T A C T T C A T
 190 200 210

Leu Gln Glu Lys Asn Trp Ser Ala Leu Leu
 C T C C A G G A A A A A A C T G G T C T G C T T T A C T G
 220 230 240

Thr Ala Val Val Ile Ile Leu Thr Ile Ala
 A C A G C C G T A G T G A T T A T T C T A A C T A T T G C T
 250 260 270

Gly Asn Ile Leu Val Ile Met Ala Val Ser
 G G A A A C A T A C T C G T C A T C A T G G C A G T G T C C
 280 290 300

Leu Glu Lys Lys Leu Gln Asn Ala Thr Asn
 C T A G A G A A A A G C T G C A G A A T G C C C A C C A A C
 310 320 330

Tyr Phe Leu Met Ser Leu Ala Ile Ala Asp
 T A T T T C C T G A T G T C A C T T G C C A T A G C T G A T
 340 350 360

Met Leu Leu Gly Phe Leu Val Met Pro Val
 A T G C T G C T G G G T T T C C T T G T C A T G C C C G T G
 370 380 390

Ser Met Leu Thr Ile Leu Tyr Gly Tyr Arg
 T C C A T G T T A A C C A T C C T G T A T G G G T A C C G G
 400 410 420

FIGURE 2, CONT'D

Trp Pro Leu Pro Ser Lys Leu Cys Ala Val
 T G G C C T C T G C C G A G C A A G C T T T G T G C A G T C
 430 440 450

Trp Ile Tyr Leu Asp Val Leu Phe Ser Thr
 T G G A T T T A C C T G G A C G T G C T C T T C T C C A C G
 460 470 480

Ala Ser Ile Met His Leu Cys Ala Ile Ser
 G C C T C C A T C A T G C A C C T C T G C G C C A T C T C G
 490 500 510

Leu Asp Arg Tyr Val Ala Ile Gln Asn Pro
 T G G A C C G C T A C G T C G C C A T C C A G A A T C C C
 520 530 540

Ile His His Ser Arg Phe Asn Ser Arg Thr
 A T C C A C C A C A G C C G C T T C A A C T C C A G A A C T
 550 560 570

Lys Ala Phe Leu Lys Ile Ile Ala Val Trp
 A A G G C A T T T C T G A A A A T C A T T G C T G T T T G G
 580 590 600

Thr Ile Ser Val Gly Ile Ser Met Pro Ile
 A C C A T A T C A G T A G G T A T A T C C A T G C C A A T A
 610 620 630

Pro Val Phe Gly Leu Gln Asp Asp Ser Lys
 C C A G T C T T G G G C T A C A G G A C G A T T C G A A G
 640 650 660

FIGURE 2, CONT'D

Val Phe Lys Glu Gly Ser Cys Leu Leu Ala
 G T C T T T A A G G A G G G G A G T T G C T T A C T T G C C
 670 680 690

Asp Asp Asn Phe Val Leu Ile Gly Ser Phe
 G A T G A T A A C T T T G T C C T G A T C G G C T C T T T
 700 710 720

Val Ser Phe Phe Ile Pro Leu Thr Ile Met
 G T G T C A T T T T C A T T C C C T T A A C C A T C A T G
 730 740 750

Val Ile Thr Tyr Phe Leu Thr Ile Lys Ser
 G T G A T C A C C T A C T T T C T A A C T A T C A A G T C A
 760 770 780

Leu Gln Lys Glu Ala Thr Leu Cys Val Ser
 C T C C A G A A A G A A G C T A C T T T G T G T G T A A G T
 790 800 810

Asp Leu Gly Thr Arg Ala Lys Leu Ala Ser
 G A T C T T G G C A C A C G G G C C A A A T T A G C T T C T
 820 830 840

Phe Ser Phe Leu Pro Gln Ser Ser Leu Ser
 T T C A G C T T C C T C C C T C A G A G T T C T T G T C T
 850 860 870

Ser Glu Lys Leu Phe Gln Arg Ser Ile His
 T C A G A A A A G C T C T T C C A G C G G T C G A T C C A T
 880 890 900

FIGURE 2, CONT'D

Arg Glu Pro Gly Ser Tyr Thr Gly Arg Arg
 A G G G A G C C A G G G T C C T A C A C A G G C A G G A G G
 910 920 930

Thr Met Gln Ser Ile Ser Asn Glu Gln Lys
 A C T A T G C A G T C C A T C A G C A A T G A G C A A A A G
 940 950 960

Ala Cys Lys Val Leu Gly Ile Val Phe Phe
 G C A T G C A A A G G T G C T G G G C A T C G T C T T C T T C
 970 980 990

Leu Phe Val Val Met Trp Cys Pro Phe Phe
 C T G T T T G T G G T G A T G T G G T G C C C T T C T T C
 1000 1010 1020

Ile Thr Asn Ile Met Ala Val Ile Cys Lys
 A T C A C A A A C A T C A T G G C C G T C A T C T G C A A A
 1030 1040 1050

Glu Ser Cys Asn Glu Asp Val Ile Gly Ala
 G A G T C C T G C A A T G A G G A T G T C A T T G G G G C C
 1060 1070 1080

Leu Leu Asn Val Phe Val Trp Ile Gly Tyr
 C T G C T C A A A T G T G T T G T T G G A T C G G T T A T
 1090 1100 1110

Leu Ser Ser Ala Val Asn Pro Leu Val Tyr
 C T C T C T T C A G C A G T C A A C C C A C T A G T C T A C
 1120 1130 1140

FIGURE 2, CONT'D

Thr Leu Phe Asn Lys Thr Tyr Arg Ser Ala
 A C A C T G T T C A A C A A G A C C T A T A G G T C A G C C
 1150 1160 1170

Phe Ser Arg Tyr Ile Gln Cys Gln Tyr Lys
 T T T T C A C G G T A T A T T C A G T G T C A G T A C A A G
 1180 1190 1200

Glu Asn Lys Lys Pro Leu Gln Leu Ile Leu
 G A A A A C A A A A A C C A T T G C A G T T A A T T T A
 1210 1220 1230

Val Asn Thr Ile Pro Ala Leu Ala Tyr Lys
 G T G A A C A C A A T A C C G G C T T T G G C C T A C A A G
 1240 1250 1260

Ser Ser Gln Leu Gln Met Gly Gln Lys Lys
 T C T A G C C A A C T T C A A A T G G G A C A A A A A A G
 1270 1280 1290

Asn Ser Lys Gln Asp Ala Lys Thr Thr Asp
 A A T T C A A A G C A A G A T G C C A A G A C A A C A G A T
 1300 1310 1320

Asn Asp Cys Ser Met Val Ala Leu Gly Lys
 A A T G A C T G C T C A A T G G T T G C T C T A G G A A A G
 1330 1340 1350

Gln His Ser Glu Glu Ala Ser Lys Asp Asn
 C A G C A T T C T G A A G A G G C T T C T A A A G A C A A T
 1360 1370 1380

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FIGURE 2, CONT'D

Ser Asp Gly Val Asn Glu Lys Val Ser Cys
A G C G A C G G A G T G A A T G A A A A G G T G A G C T G T
1390 1400 1410

Val *** *** Ala Ser Cys Arg Gly Asn Cys
G T G T G A T A G G C T A G T T G C C G T G G C A A C T G T
1420 1430 1440

G G A A G G C A C A C T G A G C A A G T T T C A C C T A T
1450 1460 1470

C T G G T T T T T T G
1480

FIGURE 3

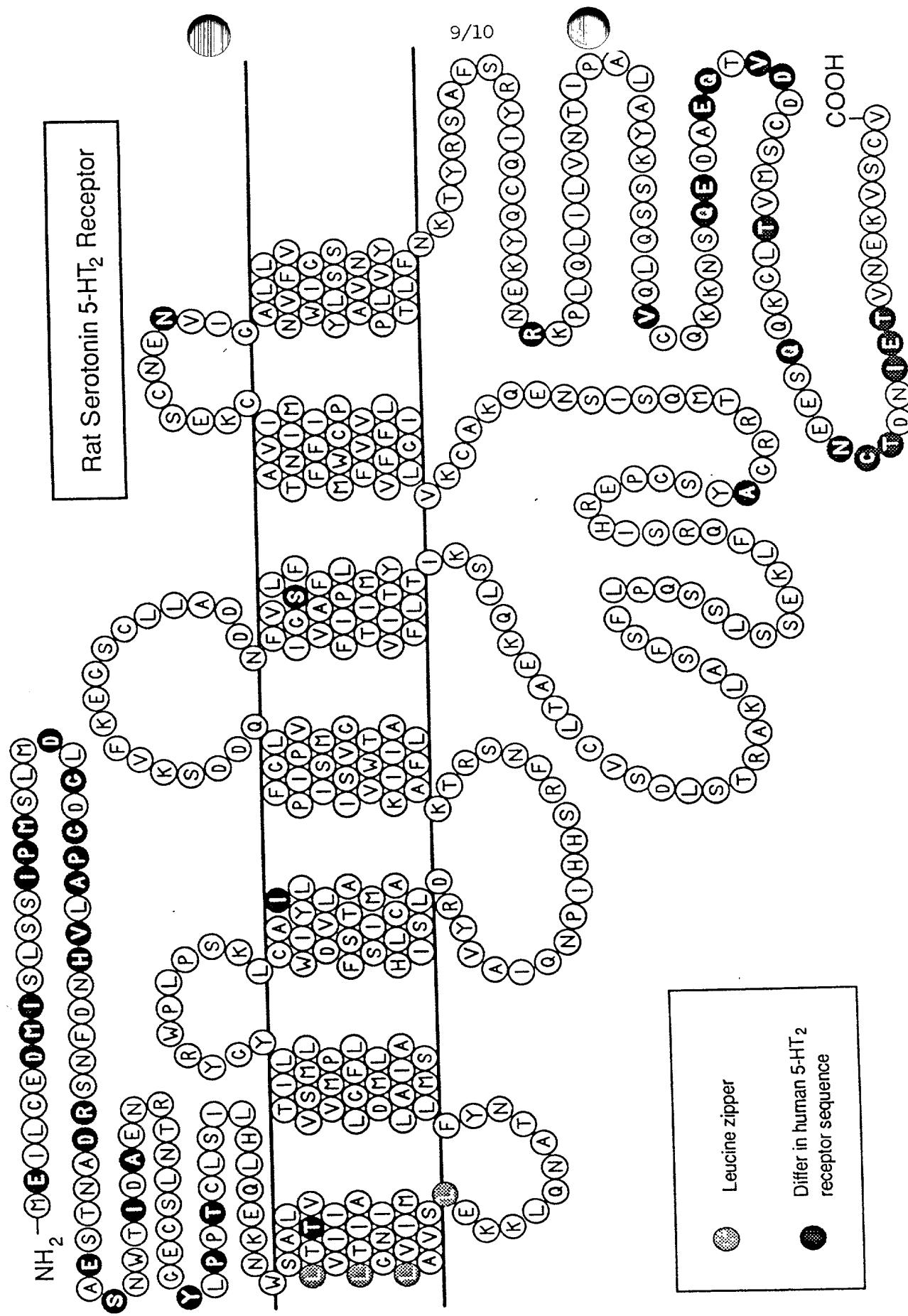


FIGURE 4

